

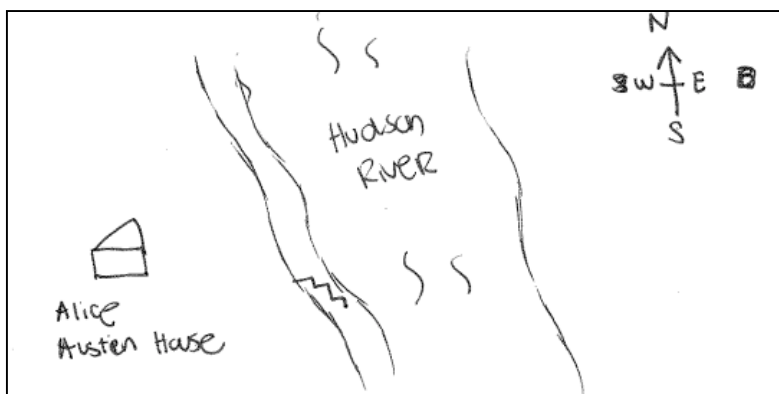
**Day in the Life of the Hudson River 10/12/17 Data
RIVER MILE -4.1
(Salt Front ~ RM 65)
Buono Beach, Staten Island, NY**



**Mary Leou, Tania Goicoechea &
Wallerstein Collaborative for Urban Environmental Education/NYU (6 Adults)
David Scheffler, Curtis High School, 14 Marine Science Students
40°36'56.5"N and 74°03'46.4"W**



Location: Buono Beach at Alice Austen House, Staten Island
Area: Waterfront walkway and beach area. Mainly sand.
Surrounding Land Use: 60% urban/residential, 40% beach
Shoreline: beach with RipRap
Sampling Site: sandy, rocky bottom
Plants in area: None



<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:30 AM	60.8°F	16°C	
	10:35 AM	64.4	18	

Wind Speed	NR			
Cloud Cover	10:35 AM	Mostly cloudy		
Weather today	Cloudy			
Weather recently	Windy			
Water description	Choppy			
Water Temperature	10:22 AM	68 °F	20°C	Avg: 20°C
	10:31AM	62.6, 62.6°F	17, 17°C	Avg: 17°C
Turbidity – 60cm site tube	10:31 AM	51.8cm	52.4cm	Avg: 52.1cm
Chemical	Time	DO	Temp	% Sat
DO	10:22 AM	5ppm	18°C	55%
Chemets Kit	10:31 AM	7, 7	17, 17	70, 70
pH – meter	10:22 AM	7.5		
	10:31 AM	7, 7		
Salinity	Time			
<i>hydrometer</i>	10:31 AM	27.7 ppt		
Tides	Tides were very strong and may have impacted the water speed.			
Other Observations	Rocks along the shoreline. Few bits of shell pieces and crab molts too. Mostly sandy area. Also saw rats, pigeons, Canadian geese, double-crested cormorant,			